

in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein sta are true

THE STATE OF THE STATE OF THE STATE OF

Owner's Signature\_

Subscribed and sworn to before me, this 17cd day of

durels Clerk and Recorder

GROUNDWATER INDEX

Page \_\_\_\_\_Of\_\_\_

County POWDER RIVER TWP. 9 SOUTH Rge. 54 LAST

ec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	MALLEY, DALE		84846	
2	WILLIAMS, WADE		75-258-2	
2	11 11		75258-2	
3	// //		75258-2	SAME FORM
3	" "		75-25-8-2	)
3	GARY, SAMUEL	RIA		
	WILLIAMS, WADE	<b>'</b>	75-25-8-2	SEE SEC. 2
	TANNER ESTATE	6W-2	83972	
	GIACOMETTO, SOHN	6W-2	87502	
6	BIODLE LAND & CATTLE CO.		71952-3	
•	WILLIAMS, WADE		75-258-2	SEL SEC. 7
19	PRITIBONE W. J.			SAME form
19	PRITIBUNE, W.J.		81922	5
24	RICSLAND, FLMO			LSAME FURM
24	"		74875	1 (
	PETTIBONE, W. J.			SFF SEC. 19
23	BRIMMER, GLEN		74954	1
34	11 11		74954	)
	MALLEY, ARTHUR		85398	
	CADWELL, FRANCIS			SAME FORM
35	16 16		75244	)
	PETTIBONE, W. J.		81921	
			1	
		<del></del>		
			<del>                                     </del>	
		<del> </del>	<del></del>	
		<del>                                     </del>		
	<del>                                     </del>	<del></del>		
		<del>- </del>		
		+	<del> </del>	<del>                                     </del>
		<del> </del>	<del></del>	<del></del>

	~·"							M-	36	Ser Control	6 5/14	4.5
			14.1 - 12.14							Twp. 9	S. Rgs.	5-4/E
5	File No	81	1846 19	_ [,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	VED V	) ·				Sec.	) 🖆 i	A PAR THAT
:	Filed o	6 7	19	INDE	XEU	]				D***	sNe	
	Charlo	tte E	iwards	Noti	ce of COMPL							
	Clerk Powder	and Bive	Record	er A tw (Under C	ppropriation hanter 237.	n by Mea Montana	ns of We Session	ll Laws.	1961)	•		Cate
	Fee-32	COO	Mainou	,Deputy	a Wallatt				Manda	Wont.		ý.
	_ : - : : : : : : : : : : : : : : : : :	12.	d		e Malley		A					
	Elev. a	bove	sea leve	1.DRILLER_1	arl Drane		A	ddress	broad	us, Mo	1100	,
0	<del>- 30</del>	clay	•	Date of N	otice of Ap	propriat	ion of G	roundwa	ater			\$
30	_ 80	blue	shale	Date well	started 7-	19-69	C	ompleté	ad 7-2	0-69		3
80 87	87		shale		4m 11	eđ				cotary		<u>,                                    </u>
101	_ 133	sand	shale	Type of W	ell drill ven, bored,	drilled	Equipm	ent Use (c)	ourn. di	ill, rot	tary, ot)	
122	- 1-0	OLUE	, prote		: Domestic	,						
	F 1			water use	Industri	al;	Drainag	e;	Irriga	tion		<b>\</b> .
	-	· .		Indianta	on diagram	chamante	n and th	i cknea	a of dii	fferent s	strata	
	7			met in dr	illing -ei.	soil, c	lay, sha	le, gra	avel, ro	ock, sand	i. Shou	
, i				depth at	which water trata and h	is four	d, thick	ness ar	nd chara ises in	well.	water-	Jan 1
				****	***	*****						
•				Size of Drilled	,	Weight Casing	From (feet)	To (feet)		erforation From	To	
		i		Hole					Size	(feet)	(feet)	1. 31
				611	4" plast	tic	0	140	slotts	111	133.4	<b>√</b>
					trostnestoe				80	**************************************	reeses feet	
,					ter Level f ressure for							
• • •		;		Pumping W	ressure for ater Level	126	feet	at	6g	al. per	minute:	Ÿ.
	-			How Teste	in Cal pe pumping	w/air	Ler	gth of	Test_	2 hrs.		di.
	-			Rema	rks: (Grav	el packi location	ing, ceme n of use	nting, if not	packers at wel	s, type ( l. other	eimila:	
٠ :.	-	Ì		M	perti	nent inf	ormation	, incl	ading n	mper of	acres	
	+	l t	<del></del>	N		ated, 11	any.			٠.		. ;
•	<b>-</b>		-			·	<del></del>				<u> </u>	
									20			. 4
		1	x				Ø	Dril:	ler's L	icense N	0.	
	-	W			·   E		مدر	rf	NR	Ignature		•
								Drii.	ter's 5	fRuarma	• • • • • • • • • • • • • • • • • • • •	<i>:</i> •
					<del></del> }						A. 34.	
٠, .					-					•••		
				S								
•		Sec_	Twp.	<u>مِّ</u> , Rge_5	East.							
,			we Nu	1-2								
		, '				*	There is			له في	الون أنها الم	i
:	STATE	OF	MONTA									•
. '	County	of Po	wder Riv	er) ss.								4
	Day.	Mal	lex		_having fir	st been	duly swo	rn, de	poses as	nd says t	that he	

having first been duly sworn, deposes and says that he is of lawful sge and the appropriator and claimant of the order and water right mention in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein steare true.

Owner's Signature Dale Maller

Subscribed and sworn to before me, this 4th day of august, 19667.

Cheshtte Sewards By Watte M Rikerow, Sept.
Clerk and Recorder Powder River Co.
Broadus, Montana 45630

5258 , Filed, 19		STATE M RATOR OF GR ICE OF STAT		ODE	TwpS	- B84 \A_B-
Clerk and Recorder \$2.00 fee paid (Un	DECLARATION der Chapter				1111	'U
1. Wade Williams County of POWDER RI	ER, STATE O	F MONTANA,	f <u>Proac</u>	lum, Mont risted gro	ana MAF undwater acc	ording to
the Montana Laws in	effect prio	r to Januar	y 1, 1962,	as follows	: SIAIE	ENGINEE
	L+/	•	+		( <del></del>	F-1
	Sec 2 4	Sec. 3	Sec.3	Sec. 2	Sec. 2	Sec. 16
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of 2.Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
DATE DRILLED 3.How continuously used	1954 W months	1947 constant	1954 summer	1953 summer	1954 • wanter	1955 _
Amount Claimed	10 gpm	15 gpm	15 gpm	25 grom	15 gran	15 gpm
Irrigated description						
Irrigation owner  5. Irrigated acreage						
Location (40 acres) 6.Withdrawal means	swsw windmii)	NWNW	Center pump	Drawd Hena	SW8W windmill	SWSW
7.Completion late.	1954	1947	1954	1953	1954	1955
8.Water depth table	701	661	601	2161	501	601
Type (drilled or dug)	drilled_	drilled.	drilled	_arilled	quilled _	di-1170q
9.Size & Depth	2"x126"	4"x126"	4"x1111	4"x416"	4"x111'	14x1061
10.amount withdrawn	Cost					
LL.Other information	receipt.	<del></del>				
12.Log, if available	0 - 10		0 = 10 5 10 - 20 1	urface s	011	
	2013		20 - 80	ater san	đ.	
	10 - 20 y.	shale	80 -111 1 water	lue shal	9	
	10 - 60 s 60 -110 B	andstone				
	110-126 B	tue shale				
		water			ı	
					,	
		L				
STATE OF MONTANA	<b>)</b>		Signature	of Owner:	/S/ Wade W	/11liams
County of Powder River	) ss. )			_		

County of Powder River)

Date 12/30/53

Wade Williams

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true. Subscribed and sworn to before me this 30th.day of December

, 1963.

Clerk & Recorder, Powder River County, Broadus, Montana

### (2) STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

S, Rge

Clerk and Recorder \$2.00 fee paid

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

Wade Williams , of <u>Broadum Montana</u>
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

						·
	o Sec X 4	Sec. 3	Sec. 3	Sec. 2	o Sec. 2	Sec. 16
<u> WELLS</u>	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of P.Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
DATE DRILLED 3.How continuously used	1954 F months	1947 constant	1954	1953	1954	1955 _
Amount Claimed L. (gal. per minute)	10 gpm	15 gpm	15 gpm	25 gpm	15 gpm	15 gpm
Irrigated description						
Irrigation owner						
Location (40 acres)_6.Withdrawal means	SWSW	_ NWNW	Center_	NEIWL	_SWSW	_SWSW windmill
7.Completion date.	1954	1947	1954	1953	195/	1955
8.Water depth table	701	661	601	2161	501	601
Type (drilled or dug)	drilled_	drilled.	drilled	_drilled	_drilled_	drilled.
9.Size & Depth Estimated annual 10.amount withdrawn	2"x1261	4"x1261	4"x1111	lı"xlı161	4"x111#	14"×1061
11.0ther information	Cost receipt.				·	
12.Log, if available	0 - 10			urfaca s		
	surface soil 10 - 20Y. 20 - 40 S 40 - 60 S 60 -110 B 110-126 B	shale andstone lue shale	10 - 20 ; 20 - 80 ; 80 -111 ; water	vater san	đ	

STATE	OF	MONTANA)	
		. )	8

Signature of Owner: /S/ Wade Williams

County of Powder River)

Wade Williams having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto. as the appropriator and claimant, that he knows the context of the scribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true. Subscribed and sworn to before me this

30th day of December , 19.63

Clerk & Recorder, Powder River County, Broadus, Montana



P. C. BOX 217 HELENA, MONTANA 89601 JOHN H. RISKEN, ATTORNEY P. 2, BOX 217 HELENA, MONTANA 29801 BILLY B. LANE, GEOLOGIST 15 POLY DRIVE SILLINGS, MONTANA SPIOT GORDON D. LANGUETTE PETROLEUM ENGINERR 18 POLY DRIVE BILLINGS, MONTANA BEJOI

NORMAN J. BEAUDRY, ACCT. P. O. BOX RIT HELENA, MONTANA 89501

## STATE OF MONTANA

O MASS SEASON OF THE STATE OF THE SEASON OF



## OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE NOK 217 HELENA, MONTANA 59601 COMMISSIONERS

LYLE KASSEL, CHAIRMAN 142 THIRD SOUTH SHELBY, MONTANA 89474

CLYDE BREWER, VICE-CHAIRNAN P. D. BCX 294 ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN 480 D STREET POPLAR, MONTANA 88288

WINSTON L. COX 1925 GYAND AVENUE BILLINGE, MONTANA

ONTANA WATER RESUURCES BOAR

E. G. BALSAM 2500 PEARL MILES CITY. MONTANA 8830

May 27, 1968

Water Conservation Board Water Resources Sam W. Mitchell Building Helena, Montana 59601

Gentlemen:

Enclosed you will find a copy of a Release Agreement concerning the Samuel Gary Well No. 3-15, Section 3, Township 9 South, Range 54 East.

This well is being released to Wade Williams to be utilized as a fresh water well.

Sincerely yours,

Beaude n J. Beaudry Executive Secretary

NJB:ml

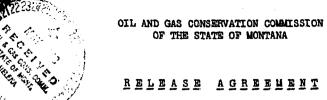
Enclosure

APPROVED BY:

Oil and Ods Conservation Commission

Laun won Petroleum Engineer or Executive Secretary

24



REAR.	
ON AND CAS OF	VED
OR AND CAS CONSERVATION OF THE STATE OF MONTAN	

(68122		MONTANA
KNOW ALL MEN BY THESE PRESENTS, that I	, WADE WILLIAMS	Mika
of the County of	Powder River	in
e State of Montana, am the owner of the he	ereinafter described land	i upon which
well for cil or gas was drilled, to-wit:		
Operator Samuel Gary		
Lease Name Williams		
Well No. 3-15 Sec. 3 , To	wp. 9 South , Rgs. 54 E	ast
The well is located 660 f		
line and 1980 feet wof t	he east 1	ine.
in diservation in the state of		r i sa i diki si Tangga Marina
That, in accordance with Regulation 23	3.6, Order No. 1-1, Nove	mber 50, 1953,
do hereby notify the Oil and Gas Conserva	tion Commission of the S	tate of Non-
na of my desire to utilize said well as a	fresh water well; and,	that if such
ilization is approved, I do hereby releas	e and discharge the oper	stor herein-
ove named from any further work or respon	sibility in relation to	the plugging
said well.		
WITNESS my hand and seal this	th day of Man	19 68
all	Soull-	(1.8.)
Sept. Co	Landowner	(2.5.)
Address	Broadus ?	mont.
n the presence of:		
lin + la.	504 Bucharde	Sind Hou
Address Address	304 Ducharde	
Selly Evans Address	210 Sauset &	Live Geller
DEPOSITE EV		
PPROVED by:		
011 and Gds Conservation Commission		
Petroleum Engineer or Executive Secretary	•	
pated: <u>May</u> 24 196	8	

MAY 28 1968

General Rules and Regulations Order No. 1-1, Nov. 30, 1953 Regulation 233.6

### WELLS TSED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required scaling plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

		-	•							• •	· 🗻
							. <u>2. j</u> . 1. j. <del>1</del> . j.				$\sim$
	File No	<u>. ۶</u>	3972	_			4 6 4 7	ا اح أر			CW -
	Filed:	1 -	29 196	<u> </u>			兹		19.4		
	at	32	P. M	[, 17_4.8	6	COMPTENTON -4	J. C	11 03-10	.,,5	Tr	Rea
	Clerk	and	Recorde	NOTI	Ce CI.	COMPLETION of riation by Mea	ne of We	acer 11		rab.	_ 1.Re
		Rive	r Count	y (Under C	hapte	r 237. Montana	Session	Laws.	1961)		
	$B_{q}$ • $J_{r}$ $\sim$	Y''.	1 00 1	in we in		r 237, Montana				<del></del>	
	_			OWNER TAI	THE	Betatu	A	ddress_	BI DIL	MO T	<b></b>
	Top of	Groun	id -	מש ד דר מת	RANT	DRAFE	A	ddmaaa	BROADE	B. HOY	T.
	riev.	pove	sea level	DRIMER			^	mota a a a "			
		1		Date of N	otice	of Appropriat	ion of G	roundwa	ter		
Ó	5	top									
5			stone		. star	ted 6-11-6	<u> </u>	omplete	d	4-00	
沙 38	7.20		rel & el shale	Tyme of M	ברם	rilled_	Earlan	ont lise	d zet		
110	112	roal		(dug. dri	ven.	bored, drille	i) ~~arm	(cł	urn, dr	111, ro	tary, oth
112	-135	rock				·					
133				Water Use	: Da	mestic;	unicipal	;	Stock	_; Ot	her;
対数数型					In	dustrial;	Drainag	ge;	irriga	ition	.;
認		shal		Indicate	on d1	agram charact	en and th	of ckness	of di	ferent	strata
ž	27	eta.		met in di	·11)1n	g -ei, soil,	clav. she	ile. gra	vel. r	ck. san	d. Show
267	- 340	9494		depth at	which	water is fou	nd, thick	mess at	nd chara	cter of	water-
340	340	aba.				and height t					
	1	1					1 _		-		
	Γ	1		Drilled		e and Weight		To		erforati From	To
	-	}		Hole	of	Casing	(1660)	(Teec)	Size	(feet)	(feet)
	+	Į .		6*	A					10000	
		i		6-	44.	11#	0	319		j	
		ł		****		.2480485460464					******
	Γ	1		Static W	ter I	evel for non-	flowing t	well	100		fect
	-	l		Brandag 1	rressu	re for Flowin Level	8 MeTT		0 0	o) ner	minute.
	1			Discharge	a in C	al. per min.	of flowing	ng well	Y	at, por	
	-			How Test	be	hemby ne	Le	ngth of	Test	2 hre,	
	_	1		Rem	arks:	(Gravel pack	ing, cem	enting.	packer	s, type	of shut-
		1				off, location	n of use	if not	at well	l, other	e similar
	T	1		N		pertinent in irrigated, i		n, inci	moruR v	minet. 01	. acres
	-	1									
	-	1		j		-					,
	_								90		
	- [	1						Dest	lanta I	icense l	NO.
	Γ		1				4	_	_	decitoe :	
	-	W	<del></del>			E	$\mathcal{L}_{\mathcal{L}}$	arl_	$\Lambda / L c$	11.C	
	-	i		1	×			Dril	ler's S	ignatur	3
	-	1									
	1	1		]	_						
		1		1 1							
	f			s		Ţ.					
		_	<b></b>	_							
		Sec_	J, Twp.	<u>25</u> , Rge	<u>3,7</u> 1	East.					
	STATE										
	Count	y of P	owder Riv	rer)							
	B.	11.	0.0 Tr	<b>+</b>	hase	ing first bee	പ്പിഴെയ	enm de	22222	nd save	that he
	18 of	] awfu	age and	the appro	priat	or and claims:	nt of the	order	and wat	er righ	t mention
	in the	fore	going not	ice of con	pleti	on of groundw	ater appr	opriati	lon by n	means of	well and
	the p	erson	whose nam	ne is subsc	ribed	thereto, as	the appro	priato	and cl	laimant,	that he
	knows	the c	ontents o	of said for	regoin	g notice and	that the	matter	and th	nings th	erein sta
	are t	rue.						.7			
							, 2	7	,/		
					۸	anta Ciamai	کے سرک	/ \	4/		su to
					Омп	er's Signatur		) }-/	Harl.	1	rustee
	Subsc		and sworn	n to before		1			1969	· / /	rustee
	Subsc		and sworn	n to before		er's Signatur		\frac{1}{1}	1961		rustee

CHARLOTTE EDWARDS
CIERK PROPOSE
CIERC PROPOSE
CIERK PROPOSE
CIERC PROPOS

14.91.8

### **MONTANA WATER RESOURCES BOARD** RECEIVED

	ر	. 83972	RECEIVED GW -
		1-29 19 <u>6</u>	
.A east		the Education	Notice of COMPLETION of Groundwater Twp. Rge
41	Clerk	and Recorder	r Appropriation by Means of Well y (Under Chapter 237, Montana Session Laws, 1961)
	Ay - 777	2.00. Pol	Separa
			OWNER TALLER ECTATE Address IDDIE, 'O'T.
	Top or Elev. a	Ground - bove sea level.	DRILLER EARL DRATE Address BROADUS, MOUT.
0		top roil	Date of Notice of Appropriation of Groundwater
5 32	35	cand stone gravel & cla	Date well started 5-11-69 Completed 5-14-68
38		blue shale	Type of Well drilled Equipment Used rotary (dug, driven, bored, drilled) (churn, drill, rotary,ot)
110	<b>112</b>	rock	(dug, driven, bored, drilled) (churn, drill, rotary, other)
112 135 137	135 137 158	sand rook sand	<pre>Vater Use: Domestic x; Municipel; Stock; Other; Industrial; Drainage; Irrigation;</pre>
158	I- 253	shale	Indicate on diagram character and thickness of different strata
258 272	287	chale	met in drilling -ei, soil, clay, shale, gravel, rock, sand. Shot
287	340	sand	depth at which water is found, thickness and character of water-
340	342	shale	bearing strata and height to which water rises in well.
	-		Size of   Size and Weight   From   To   Perforations
	<b>L</b>		Drilled of Casing (feet) (feet) Kind From To
	<u> </u>		Hole Size (feet) (feet)
			C" 4" 11," 0 319
	<b> </b> -		Static Water Level for non-flowing well 180 fee
	1		Shut-in Pressure for Flowing Well
	L		Fumping Water Level 204 fort at 10 gal. per minute
			Discharge in Gal. per min. of flowing well How Tested numping Length of Test 2 hrs.
			Hemarks: (Gravel packing, cementing, packers, type of shut
		•	off. location of use if not at well, other simila
	-		pertinent information, including number of acres  N irrigated, if any.)
	1		The second secon
	-		gar an ung corrup de companyon
	+		20
	-	1 1	Driller's License NO.
	-	l w	E
,	_	1	Driller's Signature
	-		14.
r		;	
		}	
			3
		Sec_i_, Twp	Rge Mag East.

STATE OF MONTANA) SS. County of Powder River)

having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mention in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein states. are true.

Owner's Signature Subscribed and sworn to before me, this 27 day of Ja

Clerk and Retorder

MODIFIED 2. CONTROL MODERN

County Powder Fiver

DRILLER'S LOG

Indicate the character, color, thick-

ness of strata such as soil, clay, sand,

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

## NOTICE OF COMFLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amonded)

This form to be prepared by driller, and three copies to be filed by the ewner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tolan Glacometito For Administrator's Use

Address Poyers, Montenn File 87502

Oug. 16,1991 9:12 a.m.

Date well started 7-6-71 GW 1

completed 7-3-71

Type of well drilled (Dun, driven, based or drilled)

Equipment used Fatary (Chura drill, relay of other)

Water Use: Domestic [ Municipal [ Stock ] Irrigation [ Industrial [ Drainage [ Other []\* Garden/Lawn [ ]

USE: It used for irrigation, inclustrial, drainage or other. Explain,

state number of acres and location or other data file. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

**********			PERFORATIONS			
Size of Orifled Hole	the and Weight of Cusing	Weight (Fret)				
	1			Kind Mre	From (Feet)	To (Feet)
CH	"steel	10# 0	500	2::4" slo	tts 420	500
			•		]	
					]	
		' !				

	•	 
ø	<b>- -</b> .	 

. .... . ... ... ... ... ... ... ...

Static water level ...275...

N W 1 S W 1/4 Sec. (2)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE, FACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature arf h. roce

Driller's Address Broader, Montana

LICENICE		50
LICENSE	NO	• • • • • • • •

٢,	2	$\sim$	
٠,		. ,	

Show exact depth of bottom

50,682

		gravel	, shale, sendsione, etc. Show
			at which water is found and
		height	to which water rises in well.
T	op of	Ground	(Elev. above rea level)
-	From (Feet)	To (Fcet)	
-			
ļ-	<u> 20</u>	240	brown clay blue clay bentonite blue clay
-	240	248	bentoni te
	248	455	blue clay
	422	500	
-			Lathe chan is pumaratic
ŀ			
ľ			875020
			FIED .
			Officeral
1			COUNTY CLERK and RECORDER
		<b>L</b>	I-hereby to the man within
[-		<del></del>	
Į.		<del></del> -	this office, on the 16th disper
ŀ			A. 11, 19,71.
- }-		<del></del>	a-garage were a fan
ŀ		<del> </del>	Practice (despries)
ŀ		<del> </del>	
ŀ		<del> </del> -	By There Shoulders
ŀ		<b>-</b> -	Paid Daruty.
ľ		<del>                                     </del>	
- }		1	
ľ		-	
ŀ		†-~-	
ľ			
ľ		<del> </del>	
ľ			
ľ			
		·	
ļ		L	
١		<u> </u>	
i		<b></b>	
ŀ		<b></b>	
		·	
. !		<del>                                     </del>	
	~~		
-		+	<del> </del>
		+	
.*			
le,			
ng		T	
-			
		L	
		ļ	
HP		<del></del>	<del> </del>
g,		- <del> </del>	
			<del> </del>
• • • •			
		+	<del>                                     </del>
		- <del>-</del>	·
		<del> </del>	
			<b> </b>
		1	

						3-11	•	, 1°
at		ADMINISTRA	TATE OF MON' TOR OF GRO E OF STATE :	UNDWATER CO	154.	Two seeds.	1	
	\$2.00 fee paid  DECLARATION OF VESTED GROUNDWATER RIGHTS  UEC 23 1963							
Cle:		er Chapter 2	·		STA	IE ERWIN		
7.7	County of POWDER RIVER the Montana Laws in er	f, State of	MONTANA, ha to January	ve appropri 1, 1962. as	ated groun	dwater accor	ding to	
		المالية المالية	8_5),	3.5h c	<u>ಎ.ವ.</u>	<u>0.5).</u>	<u>0.19</u>	
				1 °	0	°		
	-		0		1		0 "	,,
		Sec	Sec. 28	. Sec. ২ <u>7</u>	. Sec. 32	Sec 6	Sec. 7	
٠.,	WELLS	No. 3 13	No. £ 111	No. 3 15	No. las	No. 51.7	No. <u>∳ 7</u> 3	
2.	Basis of Beneficial Use	stock sto	ek sto	ok	domes <b>tic</b>	stock	stock	
3.	DATE OF USE How continuous	2956	_1 <u>2</u> 5 <u>7</u>	1916	19 <u>5</u> 9	1957	1954	
ц.	Amount claimed (gal. per minute)		7	5	75	},	5	
	Irrigated description							-
	Irrigation owner							
5.	Irrigated acreage							Į,
6.	Location Withdrawal means	SPEW	_NUSW	HUMB Tindnill	TWNE	NFAGE	EUSE_	
7.	Completion date	1956	1057	1916	1959	1957	195h	
8	-Water depth table	1:01	<u> 501                                   </u>	501	los	701	601	١
•								
	Type (drilled or dug)			_crilled_			_drilled	
	Size & depth Estimated annual Amount withdrawn	<u> १७ इत्यार्थ</u>	1.11 × 1301	h" × 2601	h" x 1301	¥ 5501	1.4 1.30*	
11.	Other information							
	Log, if available							
					Ì			
					1			
		·						}
	-		<u> </u>		<u></u>	l	<u> </u>	
		ss.	S	ignature of	Owner <u>::</u>	dalo Jand a	Cottle Co.	-
Cor	unty of Powder River)		•	•	Dat	e manage	<u>Горр</u>	-
th	at he is of lawful age	and is the			duly swor	n, deposes a	nd says	- 3
mei	ntioned in the foregoin	ng Declarati	on of Vesta	d Groundwat	er Rights	and the pers	son whose	
	name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.							

Subscribed and sworn to before me this \_\_\_\_ day of

171771 ... 8

81922	Filed,
17 12,	1979,
6	J
$\theta_{i}/2\pi \lambda_{i}$ . The	27.76

### STATE OF MONTARA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Mp \_\_ 8, 200 \_ 3-

	OFF	ice of Stat.	5.631.1221				
tick the miscrear DECLARATION OF VESTED GROUNDMATER RIGHTS (2.00 fee paid (Under Chapter 237, Montana Session Laws, 1961)							
W.T. PETTID	ONE	ο		JLE			
County of FO.E. I RIV the Montana Laws in	AR, STATE O	r to Januar	have approp	risted gro	undwater ac	cording to	
0110 1101104114	TWISS	- 44-15 HAMO 375	144 Y	701 15 1711654			
	SWA SWA	114 154	NAME 53E	151 4451	ý	•.	
		DAS WERT	DRILLEDHELL	T) Tilled	1	1.	
	Jest v	/ <del></del> /	<b>/</b> — <b>/</b> _	7 1	/ <del>.  -</del>		
	Sec. 19	Sec. 37	Sec. (36	Sec. 19	Sec.	Sec.	
V.R.L.S.	No. 1 /9	No. 2	No. 3	No. L	No. 5	No. 6	
Samis of	CTOK	STOCK	Stock	9:MECIC			
Beneficial Use	STOCK			\$ 705K			
DATE DRILLED	SPRINE	957	1945	1947		4	
How continuously used Amount Claimed	WATERIES	1) FR Hole	am TANK	WELL		<del>-  </del>	
(gal. per minute)	NOT WEASORA		3 GAL FIRM	in 5 BAL PE	<u> </u>		
Irrigated description				GARDEN	~ ~ ~ ~ ~		
Irrigation owner				MAG	₽.		
irrigated acreage						1	
	SWFOSHF	344/184	SY4NY4	SW4514			
ithdrawal means			Wear Will-TAVA	Syleton P.R.			
Completion date.	With MOUN	1957	1945	TRAIS ES		<u>                                     </u>	
Water depth table	712 F 19/8	oner FLOK's	20 ft blow	SUR LALE			
Type (drilled or dug)	YATUEAL	161134	APULED	PRILLEC			
	100 FT. ACROSS	LY LUL ACRY	1200 DEER	LOOFT DE	*2		
Size & Depth Estimated annual	9 FA DEEP		gerte at 1211	WY Y/N C	5)NG		
emount withdrawn	L'Y MEASURAL	e / INSTREAM	,	UN MEASY	REARIA	<del></del>	
Other information							
Log, if available	noni.	none	NONE DRILLER DEA	DRILLERA	DFAD		
•	<b>i</b> .						
					.1		
	[						
•	1	}				`	
					4		
			-X	W.	11.041	Thone	
ate of Montana	) ) 85.		Signature		y 40. 11	W	
ounty of Powder River				Walter &	rem	13071E/-	
Minn J. Pettibone	e havina	first been	duly sworn	ı, deposes	and says t	nat he is	
exitt age and is the he foregoing Declarat	appropriator	and claims	nt of the c	rder and i	rater right	mentioned	
wibed thereto, as the pregoing notice and the	e appropriat	or and clai	mant, that	he knows t	he content	s of said	
	فيقين منافلة بلاميا	444					

Greek & Recordor, Powder River County, Drondus, Montana

42,96,6

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

lerk and Mecorder 2.00 fee paid	DECLARATION (Under Chapter	OF VESTED			.)		• •
County of POILER	DONE	F HONTANA,	have spurot	dlE	undmter a	coording to	
the Montana Laws	in effect price.	r to Januar	1 1962 /	THE 95	11		
	RANGE SYE SWA SWA	AMG SYE SW4 NEG	RANGE 53E	SKAJSA	£.	•.	
		DU & WELL		1. 1. 1. 1. 1.		-	
	Albin 1			2 Well			
	Sec. 19	Sec. 37	Sec. 36	Seo. 19	Sec.	Sec.	
WRLLS	No. 1 /9	No. 2	No. 3	No. 4	No. 5	No. 6	
Basis of Beneficial Use	STOCK	STOCK	Stock	STOCK			
DATE DRILLED	NATURAL SPRING	1957	1945	1947			
How continuously us	ed OUT of	WATER HOLE	WINDAULL	WELL.			‡
(gal. per minute)	NOT MEASUR				<u> </u>		
Irrigated descripti	ion			GARDEN			
Irrigation owner		<u></u>	L	41.46	k 		
Irrigated acreage	i out sout	1/2/11-1	1016 -111	Dul int			-
Location (40 acres) Withdrawal means	SWF of SHE	2491159		SW 5951/2			-
Completion date.	unknown	1957	1945	1947 [RAIS &S			
	Just I ws	one FLOW	4.11.1	PYFFABAGE			
Water depth table		1.06 mall	DRILLED	Sun ince		+	
Type (drilled or da	100 FT. ACROS	-4 Leut ACRE	·	200 FT DE	!		
Sise & Depth Estimated annual	Y FX DEFP	6 FI DEEP	CAS	,			
amount withdrawn	LY MEASURAL	E ZIN STREAM	/	CW MEASY.	REALLA .	_	
Other information			NONE	7.0 W PP			
Log, if available	nonce	2/100		DRILLER	DFAD.		
•	1						
	1	ļ					Ì
,							
							·
						,	
				717.4	4	<b></b>	
TATE OF MONTA	NA)		Signature	of Owner:	J. OU	itore	
county of Powder Riv	) ss.		0	Walter Z	Petto	bone -	LE!
Villiam J. Pettibo	•	Mush barr	A.1	D	MARC	HJ 1968	<b>-</b> <b>3</b> .
amin age and is th	e appropriator	first been and claims	nt of the c	rder end w	mter right	mentioned	in
the foregoing Declar foribed thereto, as	the appropriat	or and clai	ment, that	he knows t	he content	namu is sub- s of said	•
cregaing notice and	that the matt	ers and thi	ngs therein	stated as	e true.		
de of the	all , 196					·	
	Recorder, Pos ounty, Broadus	Monton	/	·	••	•	
ALTER U	ountry, pronoun	, montener	1.009	(a ) -			200

File No. 74375 - Nov. 27, 1963 STATE OF MONTANA at 1:125 P.N. #2.00 fee pd. ADMINISTRATOR OF GROUNDMATER CODE Lucille Godley, deputy OFFICE OF STATE ENGINEER Clerk and Recorder

DECEIVED

DEC 23 1863

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

	,
ig to t	the
	_
ï	ng to t

	•	7-511	7-5l:	3-54 /	·		
		Sec. 21,	Sec. 21:	Sec. 2h	Sec.	Sec.	Sec.
	WELLS	No. 1	No. 2	No. 3	No. L	No. 5	No. 6
2.	Besis of Beneficial Use	D <sub>omestic</sub> & Stock	Stock	stock			
34	Date of use How continuous	-0- constant	spring Constant	spoing constant			
3 <b>4</b> 4	Amount claimed	all	<u> </u>	ell			
	Irrigated description_						
5.	Irrigation owner						
6.	Location Withdrawal means	NESW pump	MESW spring	NWNE spring	 		
7.	Completion date	-0-	spring	spring	í !		
8.	Water depth table	5ft.	spring	spring			<u> </u>
	Type	dug	spring	spring			L
9.	Size & depth Estimated annual	51 x 24"	epring	spring	<u></u>		
	Amount withdrawn	,		<u> </u>		} <b> </b>	
11.	Other information						
12.	Log, if available						
•	,				Í	<b>,</b>	
			ĺ				
		1					
		! <del> </del>			į		
						A D	

STATE OF MONTANA)
) ss
County of Powder River)

Signature of Owner Sint Their land

Date

that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents

name is subscribed thereto, as the appropriator and claimant, that he knows the content of said foregoing notice and that the matters and things therein stated are true.

Subscribed and swell to before me this

Subscribed and sworn to before me this oth day of low wher , 19 63.

Clerk and Recorder

Powder River County Broadus, Hontana (.72)

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Twp 9 s, rge 54

Leville Lodaly dysufficularation of VESTED GROUNDWATER RIGHTS Lerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Glen Brimmer

Biddle

County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1952, as follows:

(2	<del></del>					<del></del>	
	0	0	/				
•	34	33					
	Des	Sec 35	Sec	. Sec.	Sec,	.Sec.	-
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	<b>-</b>
Basis of 2. Beneficial Use	Stock & Domestic	Stock & Domesti <b>c</b>					
DATE OF USE 3. How continuous	1910 Constant	1948 505 <b>stant</b>					
Amount claimed 4. (gal. per minute)	5	2-3					
Irrigated description							
Irrigation owner				1000 100 CO C C C			
5. Irrigated acreage							-
Location 6. Withdrawal means	SERW	Sinw Fried					
7. Completion date	1910	1918					
8. Water depth table	261	801					
Type (drilled or dug)	dug	erilled_					***************************************
9. Size & depth	451	3001					
Estimated annual 10. Amount withdrawn	ļ				<u>'</u>		
11. Other information							
12. Log, if available							T
							İ
			, ·				
					1		
				~~~ <i>\</i>	4/100 1	,	1

STATE OF MONTANA)

Signature of Owner Alm Promise

Date 11-26-63

County of Powder River)

that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 26th day of

Sicelle Godite

11738

										ngo 4
	0	rano '			7			S	ec. 34	
Fi	le No. <u>8</u>	5396	INDEXE	)				_		<del></del>
F1	Tea:	12/2 19 <sub>60</sub> :08 A . M.								
at		Edwards	N-+4.0	of COM	PLETION of C	roundizet	er			1 2 1 F
	Lerk	and Recorder	Appı	opriat	ion by Means	Session I	aws. 19	61)		<del></del>
Ps	wder \$2.0	iver County	(Under Chap	ter 23	7, Montana	)6001011	<u> </u>			
7	188 \$2.C	Pa. Deputy	CONTRA A TEN	ne Ma	ller	Add	ress		<u> </u>	<del></del> '
ב ב	المسرور	Tebrox	OWNER BY OR							·
T	op of G	ove sea level.	DRILLER E	arl D	ano	Add	iress3	irocan	# 1:0m	•
E	lev. ab	DAG RES TEACT.			Appropriati	on of Gr	oundwat	er		
			Date of Not	ice of	Appropriaci	OII OI OI				
0 3 20		op soll	Dota woll s	t.a.mt.ed	Nov. 19	69 Co	mpleted	NOT-	<del>1969</del> -	
.31	20 8	andy olay ellow cands								
<b>35</b>		lue shale	Time of Wei	1_ <u>dr</u>	diled drilled	Equipme	nt useu Chi	rn. dr	fil, rot	ary, otl
70	90	lue shale	(dug, drive	n, bor	ed, drilled	,				
•	L .	w/sand str	Water Use:	Demos	+10 M	unicipal			_ Oth	er;
90	120	blue olay	water use:	Indus	trial;	Drainage	·;	Irriga	tion;	•
20	134	blue clay w/sand at	when -					-C 446	ferent 8	trata
		WARREN BI	Indicate o	n diag	ram characte	r and th	l CKNess	vel. ro	ck. sand	. Show
	<b>+</b> 1		met in dri	TTJUB .	-e1, soll, c		2000 20	d chara	cter of	water-
	<b>-</b> 1		depth at w	hich w	ater is roun nd height to	which w	ater ri	ses in	well.	
	1 1		bearing st	rata a		: ::::::::::::::::::::::::::::::::::::			erforation	
	1 1		Size of	Size	and Weight	From	To (feet)		From	To
			Drilled	of	Casing	(feet)	(Teet)	Size	1 4	(feet)
	-		Hole							
	+		6"	4"	11#	0	138	4x2"	78	138
	<u> </u>			, . 		******	, essect	10449		feet
	L		Static Wa	ter Le	vel for non-	flowing 1	well	<del>_65</del> _		-
	Γ		Shut-in P	ressur	e for Flowin	8 Merr			al. per	minute.
		l	Pumping W	ater L	evel_ <b>90</b>		ne well	9	,	
	-	1	Discharge	in Ga	l. per min. ng a halli (Gravel pack	Le	ngth of	Test	4 hrs	- C - lust
	-	l	How Teste	mimpi rks:	Gravel pack	ing, cem	enting,	packe	rs, type	or similar
	<b> </b> _	1	rosnie	I ILD	(Gravel pack off, location	n of use	if not	at we.	mimper o	f acres
					nertinent 1	JIOLER LIC	n, inc	rumas )	,,,,,,,,	
	Γ		N		irrigated,	ii any.,				
	-		x							
	<u> </u>		^	1			_			
	-						Dad	20	License	NO.
	L		1 1	1		<b>~</b>	9 11.1		1	
	·	1	l	}	E		arel		1001	2
	<b>—</b>	W		1	_	-	Dri	ller's	Signatu	re
	-		ĺ	1						
	_									
	1	1 1 1		. 1						
	1.	1 1 1		1						
	-			<u> </u>		MONTANA W				+
			s	L!				V E D		•
		Son 3l. Th	_	5lı I		REC	CEI	Y'E D		•
		Sec_3l_, To	5 vp. 9 , Rge			REC		Y'E D		
		Sec_34_, To	_			REC	CEI	Y'E D		
	-	Sec_34_, To	_	I		REC	CEI	Y'E D		
			wp. <u>9</u> , Rge	54_ I		REC	CEI	Y'E D		
	TATE	er ove Mo	wp. <u>9</u> , Rge	<u>54</u> I		REC	CEI	Y'E D		
	Cour	E OF MO	wp. <u>9</u> , Rge NTANA) River) 88.		East. <b>∼</b>	R E (	C 31	969	e and sa	ys that he
	Cour	E OF MO	wp. <u>9</u> , Rge NTANA) River) 88.	_hav	East.	RE(	C 3 1	y E D	s and sa	ys that he
	Cour	E OF MO	NTANA) River) ss.	hav	East.	RE(	C 3 1	depose er and	s and sa water ri	of well and
the contract of the contract o	Cour	E OF MO ty of Powder thur Malley f lawful age	NTANA) ss. and the appropriate of continuous	hav ropriat	ring first be or and claim	RE (  DE  een duly ment of tiwater ap	sworn,	depose and ation by	s and sa water ri y means	of well and
	Cour	E OF MO ty of Powder thur Malley f lawful age	NTANA) ss. and the appropriate of continuous	hav ropriat	ring first be or and claim	RE (  DE  een duly ment of tiwater ap	sworn,	depose and ation by	s and sa water ri y means	of well and
	Arrans day of the known	E OF MO ty of Powder thur Mallay f lawful age the foregoing person whose we the content	NTANA) ss. and the appropriate of continuous	hav ropriat ompleti scribed oregoi	ring first be for and claim ion of ground i thereto, a	DE OE	sworn, the ordepropriate matter	depose er and ation b tor and ers and	s and sa water ri y means claiman things	of well and t, that he therein sta
	Arrans day of the known	E OF MO ty of Powder thur Malley f lawful age	NTANA) ss. and the appropriate of continuous	hav ropriat ompleti scribed oregoi	ring first be for and claim ion of ground i thereto, a	DE OE	sworn, the ordepropriate matter	depose er and ation b tor and ers and	s and sa water ri y means claiman things	of well and t, that he therein sta
	Arrans day of the known	E OF MO ty of Powder thur Mallay f lawful age the foregoing person whose we the content	NTANA) ss. and the appropriate of continuous	hav ropriat ompleti scribed oregoi	ring first be or and claim	DE OE	sworn, the ordepropriate matter	depose er and ation b tor and ers and	s and sa water ri y means claiman things	of well and t, that he therein sta

Subscribed and sworn to before me, this 2 day of December, 1969.

Charlotte Edwards

Clerk and Recorder, Powder River Co.

Broadus, Montana

Helen Y. Irion Deputy

45930

STATE OF MONTANA

Twp o S, Rge

#### 7534 Filed; 12-10 1961 at 10:40 4 M

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Clerk and Recorder DECLARATION OF VESTED GROUNDWATER RIGHTS \$2.00 fee paid (Under Chapter 237, Montanu Session Laws, 1961)

MAR 9

County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater accompany of the Montana Laws in effect prior to January 1, 1962, as follows:

						• .
	9 35	Sec. 35	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of 2.Beneficial Use	Stock	Stock				
DATE DRILLED 3.How continuously used	_1955 	spring _				
Amount Claimed 4.(gal. per minute)	h gran	1 450				
Irrigated description						
Irrigation owner						
Location (40 acres) 6. Withdrawal means	SWRE	ANNS				
7.Completion date.	1955	<del>=0-</del>				
8.Water depth table	1401	-0-				
Type (drilled or dug)	್ಷ ಬಾಗಿ	Ω- <u>-</u>				
9.Size & Depth Estimated annual	h= × 500	1 -00				
10.amount withdrawn				·		
11.Other information		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
12.Log, if available						
	E0 7.005					

STATE	OF	MONTANA)		Signature of
	. A. D.,,,,	) ! !!!	85.	

Owner: Francis Cadwell

County of Powder River)

Date 12/30/63

Francis Gadwell having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

30th, day of Propendic 1, 19 63

Clerk & Recorder, Podder River County, Broadus, Montana

1.00		lo. 21 7	181918	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE	1 15 2 2 2
1 4		3:30	P. H.	CYFICE OF STATE ENGINEER	TONTANA WATER RESOURCES BOARC
	Clerk	and Had			RECEIVED
		River (	County	NOTICE OF COMPLETION OF GROUNDWATER	MAR 20 1238
	20	sa!		APPROPRIATION BY MEANS OF WELL	
	G	1	(Under	Chapter 237, Montana Session Laws,	1961)
				OWNER W.J. PottiboNE	Address 2 ddl =
	•	Top of	Ground		
	0		above sea	DRILLER FRANK BAN'DY So.	Address BIYOADVS
	12	It fur	lace soil	Date of Notice of Appropriation of	Groundwater 1963.
	- 1			Date well started	
	-/2	to 3/f1	Blu Strate	Type of well Diffe Equip (dug, driven, bored, drilled)	ment used Rotory (churn, drill, rotary, other)
	3/	2 45	est sound its	Water Use: Domestic/ Municipal/ Industrial// Drainag	Stock/ Other Sec Irrigation
	-		26	Indicate on diagram character and t	thickness of different strata
	15	10 2	85 lt Blush	het in drilling -ei, soil, clay, sha depth at which water is found, thic	ele, graver, rock, sand. Show ckness and character of water-
			,	bearing strate and height to which	water rises in well
				Size of Size & Weight From Torilled of Casing (feet) (feet	eet) Sind (foet) (feet)
	-		•	Hole 0 to 94/ 4m 0 9	4 in 0 94/44
9	-			77 3	26 Jin 201 94 326
	-			3 3 3 AG	40 Caree
	-		•	***************************************	
-	~		•	Static Water Level for non-flowing Shut-in Pressure for Flowing Well_	
	-		, ,	Pumping Water Level 26 fe	eet at / gal. per minute .
	90	It to.	34 Water Sans	How Tested Dill June L	ength of Test / //
	-4,7	′	Sec 36	location of use if not	at well, other similar pertinent
				information, including	number of acres irrigated, if any)
	-			200-	<u>e</u>
<u>V</u>	-			e sied	
-	-	W		E	
	-	<del> </del>	╂╾╂╌╂╌		//
<b>;</b> ()		<del>  -</del>	╂╌╂╌╂╌┼╌	<del></del>	Driller's License Number
			╂╼╀╾┼	+	man le Bandu -
<i>*</i>		CELVEL	Sec. 17.9	R. 525	Driller's Signature
		/		*****	·
X	Count	OF HO	intana <u>Der River</u> ):	s.	•
· X	44	in T	Pettibo	ve having first been duly	sworn, depose and say
	that	he	of lawf	il age and the appro	priator and claimant of the
	rieti	on by me	ears of well a	cioned in the foregoing notice of cound the person whose name su	hearibed thereto, as the approp-
	risto	r and	claimant ,	that he know the contents of serein stated are true.	ari foregoing notice and that
h	· • .		J	X A	1. of Petabone
The state of	Lis			Yattış.	I letters-Tine
	Bulle	ribal a	nd sworn to b	afore me, this 1800 day of	hard , 1968
led or		art.			OLOVA
	1/2			12 001	
4				(43,994)	

GROUNDWATER INDEX

Page \_\_\_of\_\_\_

County Powder River Twp. 77 J. Rge.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	abbott-Whom Place	1962	770×	
	Caire Bocac	1962	775×	
	Rolka Wit	1962	22.5	·
	Wood, Jean	GWZ	78679	
	, 0	<u> </u>		
		1	1	
		<del>                                     </del>	1	
		<del></del>	<del></del>	
			<del></del>	
		<del></del>		
	<del></del>	- <del></del>	<del>_</del>	
		<del></del>		
		<b>\</b>		
	<del> </del>			
		<del>_</del>	<u> </u>	 
	<u> </u>			
				<u> </u>
			<del>-  </del>	
		<del></del>	1	
				<u> </u>
	<del></del>		+	<u> </u>
	<del> </del>	<del></del>		<del> </del>
	<del> </del>	<del></del>		
		<del></del>		<del>}</del>

·	
• • •	T 34 R 46
	County Powder River
MONTANA BUREAU OF MINES AND Butte, Montana	GEOLOGY 1 1002
WATER WELL LOG	STATE ENGINEER
Owner Abbott-Wilson Place	Address
Driller Bandy Drilling Go.	Address.
Date Started	Date Completed
Location: Sec. 11 T. 34 R. 46	¥ sec_NESW
Typ. of well	(Churn drill, rotary, other)
Water use: Domestic Municipal Stor	ik Irrigation
Industrial Drainage Other:	
Casing:ft. toft. Type	
Casing:ft. to42!ft. Type galv	Size
Casing:tt. toft. Type	Size
Perforated or Screened: Ft to ft Ft.	to ft
Type of screen or perforations	
Static Water level, for non-flowing weil:	
Shut-in pressure, for flowing well:lb./sq. in. o	n:
Pumping water level201 feet at	
How tested:	
Length of test	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dep	th of shut-off)
	**************************************
	**************************************

(over)

Log of Well

		Log of well
From	h, feet To	Description of Material Drilled
FIOII	1 10	
0	4	aua Ca u a
<u>~_</u>	<u>.                                     </u>	surface
4	35	sandstone
35	37	hard rook
37	68	sand
68	79	
	1	Coal
79	85	blue shale
85	130	and
	<del></del>	
	<u> </u>	
	<del>- \</del>	
		·
	<u>- '                                   </u>	
	1	
	i	
	!	

T		R 51E	<u> </u>
Cou	nty Powds	r River	************

## MONTANA BUREAU OF MINES AND GEGLOGY Butte, Mentana

DECEIVED

		WATER WEI	L LOG	• • • • • • • • • • • • • • • • • • • •
	OwnerQ	car Cain	Address	STATE ENGINE
	DrillerHe	mry Briant	Address	Ekalaka, Montana
				mpleted 7-16-59
Type of well				nu quill, lotary, other,
Water use: Domestic		Municipal	Stock X	Irrigation
Industrial		Drainage	Other:	
Casing: 1/ 0	ft. to?Z	ft. Type	5ize	***************************************
Caring:	ft. to	ft. Type	Bise	***************************************
Casing:	ft. to	ft. Type	Size	**************************************
Perforated or Screene	d: Ft	to ft92	Ft	to ft
Type of screen or perfo	rations	***************************************	·	***************************************
				20
Shut-in pressure, for f	lowing well:		.lb./sq. in. on:	(date)
				gal. per min
How tested:	bailed	***************************************	••••••	***************************************
Length of test	1 hr.			***************************************
•	••		hut-off, depth of shut-o	ft)
1		(over)		

(

			Log of Well	
	h, feet	December	n of Material Drilled	1.00
From	То	1		
0	2	top soil		
	8	dark sand		the second secon
8	19	shale		
19	21	dark shale		
21	39	gray shale		
39	55	dark shale		
55	89	blue shale		
89	92	water sand		
·			g a second	White the Charles of Lag
,			A STATE OF S	1 Artise Indi
				and the second of the second o
			·	os ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
				Zakbor ( )
	]			e sou e martine andara direct
	<u> </u>		· · · · · · · · · · · · · · · · · · ·	na araba kata kata kata kata kata kata kata k
	<u> </u>	<u> </u>	·	
	<del> </del>			
······································	1		· · · · · · · · · · · · · · · · · · ·	
<del></del>	1			
·	<u> </u>	1		
	1			
<del></del>	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
	1			

FILED 1189	ker 🙏			
Street of a sid and Billion	*		45 R 5/E	
N. Compar Action	\ <u>\</u>	<b>T</b>		Sec
100 loi	` 41 <u>k</u>	C	ounty Powder River	
New .	MONTANA BUREAU		3 m 3 % 11 , 11 <sup>2</sup> , 11 W 19	5
1:50 9 1	•	tte, Montana	UU 868 14 196	ريا ر
Cang of San Sugar Sours	rings.			ICCD
X all Joda	tof WAT	ER WELL LOG	STATE ENGIN	IEER
To road State	Owner Art Valle		AddressBroadus,Mont	
			- -	4
	Driller Henry Briant		Address Ekalaka, Mont	ana.
	Data Statistics 9-12-59		Date Completed9-15-	E0.
	Date Star 1997	***************************************	Date completedanzum	U J
	Location: Bec T	R	sec	
T	Dat 17 od	Wandan and was d	<b>D</b> -4	
type of well	(Dug. driven, bored, or drilled)	Equipment usea	(Churn drill, rotary, other)	***************************************
Water use: Domestic	Municipal	Stock Stock	X Irrigation	7
Water use. Domestic			TITI BOUGH , C	
Industrial	Drainage	Other:	***************************************	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Casing: 1 £ 0	.ft. to	Type Black Tubing	Size 4" ID	
			Size	,
•	ft. toft.		,	
Casing:	.ft. toft.	Туре	Size	
Perforated or Screened	: Ft66 to ft.	150Ft	to ft	******************
Type of screen or perfor	ations In round hole	3		
••				
•				
Shut-in pressure, for flo	owing well:	lb./sq. in. on:.	(date)	
Dumning water level	136 fee	tat 9 <del>1</del>	gal. per min	
•				
Length of test	1 hr.	***************************************	***************************************	***************************************
Remarks: (Gravel pac	king, cementing, packers,	type of shut-off, depth	of shut-off)	
1501 of 5	hole @ \$2.00 per ft	. \$300.00		
15' of 4'	casing @32.00 per ft	302.00		•••••
***************************************		202.00	***************************************	•••••
***********************************		,	***************************************	*************
			***************************************	***********

如果我们的是我们的是我们的是我们的是我们的是我们的是不是不是一个人的,我们就是一个人的,我们就会一个人的人,这一个人的人,也是一个人的人的人,也是一个人的人,也

Log of Well

Dept	h, feet	Danade tier	of Material Drilled	
From	То	Description o	· · · · · · · · · · · · · · · · · · ·	
0	3	Top soil		
3	13	Sand & clay		
13	27	Gravel		
28	67	Rock		
67	71분	Sandy shale		
71岁	134	Rock		the second secon
134	136	Sand		
136	142	Shale		
142	150			ing jarah salah
·	<u> </u>			Park with
	ļ			
	ļ			
	<del> </del>			
	1			
	<del> </del>	<del>-                                    </del>		
····	<del> </del>			
	<del></del>			<del> </del>
	<del></del>			1
				ı
				1
			•	

GW 2	Approp of Sigh Rem State Publishing Co., I	Iclena, Montana—45642
File No. 78679	SEP 29 1966	
DUPLICATECHARIOTTO Edwards	Bille County	Lawder Conti
Fee 12. Clerk & Recorder Ty Mayde M. Riderany, LOG	Button ADMINISTRATOR OF GROUNDWA	THE CODE
Top of Ground	DarlintonSullivan OFFICE OF STATE ENGINE	
(Elev. above sea level	Notice of Completion of G	roundwater
- Lta (0	Appropriation by Means	
- gruy sall	DEVELOPED AFTER JANUARY	
- 5-15 gellier sand	(Under Chapter 237, Montana Session	Laws, 1961)
[ 15-40 grus sla	le owner from wood Address 7	rullingment
74 8 8 0	Driller Shimry Breant Address E	hold Innet
10-10 avet while	$\checkmark$	
- 70-10 carl	Date of Notice of appropriation of groundwater	
·	Date well started January 2018 Date comple	ted 724
<b>- - -</b>	Type of well	ed (Churn drill, rolary or other)
	Water use: Domestic Municipal	Stock Irrigation
· [ ]	Industrial ☐ Drainage ☐  Indicate on the diagram the character and thick	Other [] ness of the different strata
	met with in drilling, such as soil, clay, shale, gravel depth at which water is encountered, thickness and o	l, rock or sand, etc. Show
	strata and height to which the water rises in the wel	
: <b>L</b> -1	Size of Size and From To Drilled Weight (Feet) (Feet)	PERFORATIONS
<b>-</b>	Hole of Casing D 90 Kin	
<b>   -    </b>	2 1 + 1   Nou	my 692 901
<b>-</b>	of the	2
	perfor-	
	N Static Water Le	vel for non-flowing well
	Static Water Le	vei for non-nowing well
	Shut-in Pressure f	or Flowing Well
: <b> </b>	Pumping Water 1	
	"   '   '   -   -	gal. per minute.
<b>├                                    </b>		per min. of flowing well
	How Tested	earfung
	Length of Test	•
		packing, cementing, pack-
_	place of use, if possible. Each	
<b>⊢ I</b>	a Clana	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
<b>⊢ i</b>	((	Continue on reverse side
<b> -  </b>	USE-If used for irrigation, industrial, drainage	or other. Explain, state
- 1	number of acres and location or other data tion).	(i.e.: Lot, Block and Addi-
Show exact depth of bottom.		
, 90H	·	
This form to be prepared by driller, and three	ee copies to be filed by the owner with the	5 <i>b</i>
County Clerk and Recorder in the county in retained by driller.	which the well is located, tissue copy to be Driller's Lice	ense Number
Please answer all questions. If not applica	able, so state, otherwise the form will be	ry Breant
returned.	Driller's Sig	neture.
	. 41, 4	54

		HARLOTTE ED' RECORDER, POWDE		MY .
		CADUS, MONTANA 59		
	MESSAG	É		REPLY
та Г	Montana Department of Natural and Conservation	hesources	DATE	RECEIVEL
1	Sam Mitchell Bldg			ASS 27 1973
<u>_</u>	Helena, Mt. 59601	لـ		MCHANA OF AACT WILL OF WIND
DATE 8	-24-73			Mandange Alb no tominate
∴ On	June 28, 1973 I filed a Notice	ce of Appropriati	on	
of Gro	undwater for Atlantic Richfiel	ld Co. (copy en-		
closed	). On doing some recent checking	ng we discovered		
that t	he recording number on the do	cument is 9268 <u>3</u>	<u> </u>	
but sh	ould be 92682. Please change	your copy to		1
read 9				
	rry for the trouble.			
	•			
	POWER RIV	DITE EDWARD: VER COUNTY C' '' MONTANA 55		
<b>5</b> 4	aslyna Borla, Dyant	t.	SIGNED	
NO N73 € 11∞ U	oming Board Int., Box 505, Dallos, Taxos  LINETRUCTIONS TO TENDERS			INSTRUCTIONS TO RECEIVER!
July 191	The location, type, size and depth of Drilled, 8 5/8", 900 ft.	well or wells contem		
7. 8.	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of	the water-table or art	esian aquifer .	200†
7. 8.	The location, type, size and depth of Drilled, 8 5/8", 900 ft.	the water-table or art	esian aquifer .	200†
7. 8. 9.	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of	the water-table or art	esian aquifer .	200° known
7. 8. 9.	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license numbers.	the water-table or art	esian aquifer .	200° known
7. 8. 9.	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the such other similar information as	the water-table or articler of the driller eng	esian aquifer .	200° known
7. 8. 9. 10. 1 Rec. No. ty of Powde	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the such other similar information as \$\int 22.82\$.  River, Montana	the water-table or art per of the driller eng	esian aquifer .	200° known
7. 8. 9. 10. O Rec. No ty of Powder certify ungent was f	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the such other similar information as River, Montana River, Montana lied for record in	the water-table or art per of the driller eng	esian aquifer .	200° known
7. 8. 9. 10. Nec. No type of Powder of Powder certify ungent was f	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license numbers of the such other similar information as River, Montans that the within led for record in 28 day of	the water-table or art per of the driller eng	esian aquifer .	200°  known  policy of this act
7. 8. 9. 10. D Rec. No try of Powder certify ungent was f	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the such other similar information as River, Montana River, Montana lied for record in	the water-table or art per of the driller eng	esian aquiferagednot	200°  known  policy of this act
7. 8. 9. 10. O Rec. No ty of Powder certify ungent was f	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as River, Montans that the within led for record in 2 8 day of 1973 at 16 C 2	the water-table or art per of the driller eng	esian aquiferagednot	200°  known  policy of this act
7. 8. 9. 10. D Rec. No try of Powder certify ungent was f	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as the such of the such	the water-table or art per of the driller eng	esian aquiferagednot	200°  known  policy of this act
7.  8.  9.  10.  Nec. No. by of Powde eby certify unent was for the office, on the control of th	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as the such other similar information as the such that the such th	the water-table or art per of the driller eng	esian aquiferagednot	known  policy of this act
7.  8.  9.  10.  Nec. No. ty of Powde reby certify ument was foffice, on the control of the cont	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as the such other similar information as the such that the such th	the water-table or art per of the driller eng	esian aquifer not not rrying out the	200° known  policy of this act
7.  8.  9.  10.  Nec. No. ty of Powde reby certify ument was foffice, on the control of the cont	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as the such of the such	the water-table or art per of the driller eng	esian aquifer not not rrying out the	200° known  policy of this act
7.  8.  9.  10.  Nec. No. ty of Powde reby certify ument was foffice, on the control of the cont	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as the such of the such	the water-table or art per of the driller eng	esian aquifer not	known  policy of this act  N  N  N  R  S  R  S  KEX
7.  8.  9.  10.  D. Rec. No. hty of Powde reby certify ument was for office, on the control of t	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as River Montana that the within led for record in 2 River of the such other similar information as the such of th	the water-table or art per of the driller eng	esian aquifer not not not rrying out the NE LOCA	known  policy of this act  N  S  W NE W Sec 32  P  R 53 E  S  TE WELL OR OTHER MEANS OF LOPMENT AS ACCURATELY AS
7.  8. 9. 10. D. Rec. No haty of Powder reby certify ument was folice, on the large of the large	The location, type, size and depth of Drilled, 8 5/8", 900 ft.  The probable or estimated depth of The name, address, and license number of the name, address, and license number of the such other similar information as River Montana that the within led for record in 2 River of the such other similar information as the such of th	the water-table or article of the driller eng	esian aquifer not not not rrying out the NE LOCA	known  policy of this act  N  N  N  N  N  N  N  N  N  N  N  N  N

County Powder River

### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

# AUS 27 1973

## NOTICE OF APPROPRIATION OF GROUNDWATER

(Under Chapter 237, Montana Session Laws, 1961, as amended).

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, its completion is completed in the completion of the completion is completed. file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

	(Name of Appropriator)	
	County of Denver , State of Colora goundwater in accordance with Chapter 237, Montana Session is	do 80203 , intend to appropr Laws of 1961.
2.	The beneficial use to which water is to be applied is	ndary recovery by water inject
	into the Muddy Sand, in Secs. 28, 29, 32 & 33,	TOS R53E.
3.	The rate of use in gallons per minute or miner's inches of group	undwater claimed 117 Gals.
	per minute (4000 Bbls per day)	,
	The estimated amount of groundwater to be used annually .	64,000,000 gals. (1,960,000 bl
4.	The annual period (inclusive dates) of intended use	through 1983
5.	The probable or intended date of first beneficial use	
6.	The probable or intended date of commencement and comple	
7.	The location, type, size and depth of well or wells contemplate	ed NE NE Sec. 32-9S-53E
	Smilled 9 5 /9" 000 %	
	DITIEG 6 0/0 , 500 108	
8.		
8. <i>9</i> .	***************************************	aguifer
9.	The probable or estimated depth of the water-table or artesian	n aquifer
9.	The probable or estimated depth of the water-table or artesian.  The name, address, and license number of the driller engager	n aquifer
9. 10.	The probable or estimated depth of the water-table or artesiand.  The name, address, and license number of the driller engages.  Give such other similar information as may be useful in carrying.	n aquifer
9. 10.	The probable or estimated depth of the water-table or artesian.  The name, address, and license number of the driller engager.  Give such other similar information as may be useful in carrying.	n aquifer
9. 10. No.	The probable or estimated depth of the water-table or artesian.  The name, address, and license number of the driller engages.  Give such other similar information as may be useful in carrying the such as a such content of the driller engages.  Pausa.	n aquifer
9. 10. No. wde	The probable or estimated depth of the water-table or artesian.  The name, address, and license number of the driller engager.  Give such other similar information as may be useful in carrying.	n aquifer
9. 10. No. owdertify	The probable or estimated depth of the water-table or artesian.  The name, address, and license number of the driller engager.  Give such other similar information as may be useful in carrying the such as a	n equifer 200° d not known  ng out the policy of this act
9. 10. No. No. vas fin the	The probable or estimated depth of the water-table or arteslar  The name, address, and license number of the Uriller engager  Give such other similar information as may be useful in carryin  River, Montana  that the within  led for record in  2.3.day ct  19.7.3 at 10:0.2  See \$.3.2.5paid For Administrator's Use	n equifer 200° d not known  ng out the policy of this act
9. 10. No. owde entity vas f the	The probable or estimated depth of the water-table or arteslar  The name, address, and license number of the Uriller engager  Give such other similar information as may be useful in carryin  12.52  18.10.10.10  19.73 at 10.10.2  19.73 at 10.10.2  19.73 at 10.10.2  19.74 For Administrator's Use	n equifer 200° d not known  ng out the policy of this act
9. 10. No. No. was fifty	The probable or estimated depth of the water-table or arteslar  The name, address, and license number of the driller engages  Give such other similar information as may be useful in carryin  River, Montana  that the within  led for record in  2.8. day of  19.7.3 at /0:0.2  fee \$.3.2°paid For Administrator's Use	n equifer 200° d not known  ng out the policy of this act
9. 10. No. owde entity vas f the	The probable or estimated depth of the water-table or arteslar  The name, address, and license number of the driller engages  Give such other similar information as may be useful in carryin  River, Montana  that the within  led for record in  2.8. day of  19.7.3 at /0:0.2  fee \$.3.2°paid For Administrator's Use	n equifer 200° d not known  ng out the policy of this act
9. 10. No. No. was fifty	The probable or estimated depth of the water-table or arteslar  The name, address, and license number of the driller engages  Give such other similar information as may be useful in carryin  River, Montana  that the within  led for record in  2.8. day of  19.7.3 at /0:0.2  fee \$.3.2°paid For Administrator's Use	n equifer 200° d not known  ng out the policy of this act N